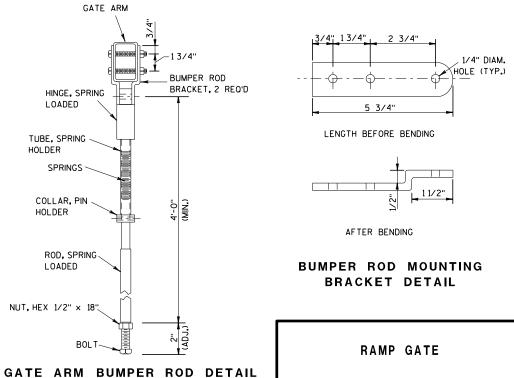


### GENERAL NOTES

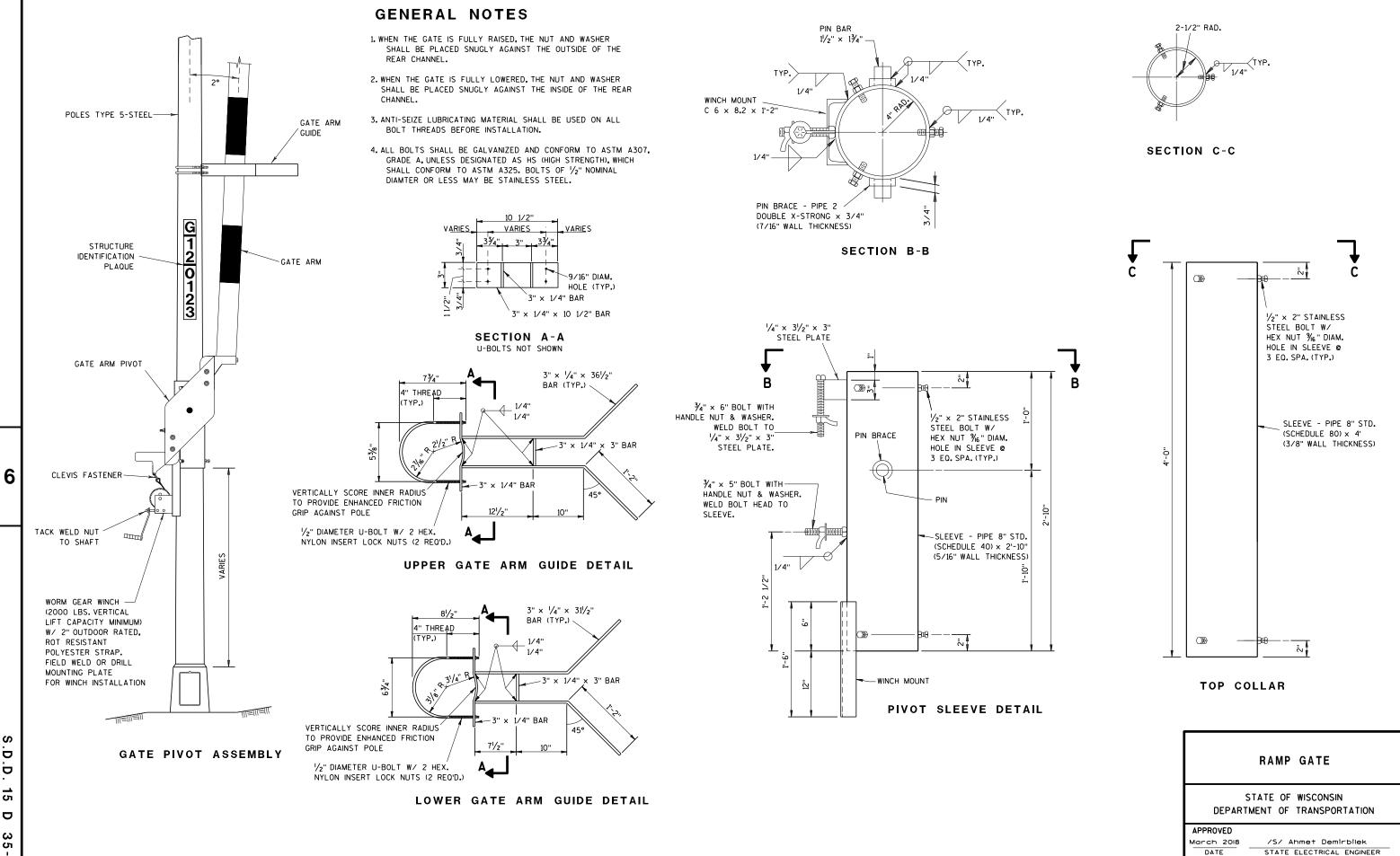
- 1. THE LOCATION OF RAMP CLOSURE GATES AND MOUNTING HEIGHT OF GATE ARM PIVOT SHALL BE VERIFIED BY THE ENGINEER.
- 2. HEIGHT OF GATE ARM GUIDES MAY BE VARIED AS REQUIRED FOR WARNING LIGHT CLEARANCE.
- 3. FIBERCLASS/ALUMINUM GATE ARM AND SHEAR PIN BASE SHALL BE SUPPLIED BY THE SAME VENDOR.
- 4. GATE ARM TO BE MOUNTED ON PROPOSED POLE AS INDICATED ON THE PLANS. PROPOSED POLE SHALL BE TYPE 5 POLE.
- 5. LOCATION OF THE CONCRETE BASE AND LENGTH OF THE GATE ARM WILL BE VERIFIED BY THE ENGINEER TO ENSURE ADEQUATE COVERAGE OF THE TRAVELED LANE.
- 6. GATE PIVOTS, SUPPORTS AND GUIDES, AND ALL ASSOCIATED HARDWARE SHALL BE GALVANIZED. ALL ROUGH EDGES AND BURRS SHALL BE GROUND SMOOTH PRIOR TO GALVANIZING.
- 7. ALL EXPOSED BOLT THREADS SHALL BE PAINTED WITH TWO COATS OF ZINC RICH PAINT CONFORMING WITH THE REQUIREMENTS OF ASTM A 780.
- 8. ANY FIELD DAMAGE TO THE GALVANIZING SHALL BE REPAIRED WITH TWO COATS OF ZINC RICH PAINT CONFORMING WITH THE REQUIREMENTS OF ASTM A 780.
- 9. A STANDARD LIGHTING LUMINAIRE ARM MAY BE MOUNTED TO THE TYPE 5 POLE IN LIEU OF THE TOP COLLAR.
- 10. UPPER GATE ARM GUIDE IS TO BE INSTALLED 6 TO 12-INCHES BELOW THE BOTTOM OF THE TOP COLLAR.



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

S.D.D. 15 D

.D.D. 15 D



S.D.D. 15 D 35-3c

FHWΔ

# Standard Detail Drawing 15D35 (sheet abc)

March 16, 2018

# Ramp Gate

#### References:

FDM 11-55-25

### Bid items associated with this drawing:

ITEM NUMBER	DESCRIPTION	<u>UNIT</u>
634.0600 - 0699	Posts Wood 4x6-Inch (length)	EACH
637.2210	Signs Type II Reflective H	EACH
637.2215	Signs Type II Reflective H Folding	EACH
652.0200 - 0399	Conduit Rigid Nonmetallic (schedule)(size)	LF
653.0135	Pull Boxes Steel 24x36-Inch	EACH
654.0105	Concrete Bases Type 5	EACH
654.0220	Concrete Control Cabinet Bases Type 10	EACH
657.0100	Pedestal Bases	EACH
657.0255	Transformer Base Breakaway 11 1/2-Inch Bolt Circle	EACH
657.0425	Traffic Signal Standards Aluminum 15-Ft	EACH
676.0300	Signal Assembly Advance Flasher Type 1	EACH
662.1024.S - 1040.S	Ramp Closure Gate 24 to 40-FT	EACH

### Standardized Special Provisions associated with this drawing:

STSP NUMBER TITLE

662-005 Ramp Closure Gate Hardwired

### Other SDDs associated with this drawing:

SDD 12A4 Structure Identification Plaque (Required)

SDD 15D36 Barricade Rack

### **Design Notes:**

Ramp gates must also have structure identification plaques as shown in <u>SDD 12A4</u>.

#### **Contact Person:**

Marquis Young (414) 227-2157